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SAP20Rec1PCT/PTO 06 JUL 2006
Attorney Docket No. 0790-7732

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
Harue NAKASHIMA et al.) Attention: DO/EO/US
Based on PCT/JP2005/024212)
Filed: December 26, 2005)
For: CARBAZOLE DERIVATIVE, AND)
LIGHT-EMITTING ELEMENT AND)
LIGHT-EMITTING DEVICE USING)
THE CARBAZOLE DERIVATIVE)

INFORMATION DISCLOSURE STATEMENT

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing information known to Applicant and requests that this information be made of record in the above identified application. Copies are submitted herewith in accordance with 37 C.F.R. 1.98(a).

Copies of U.S. patents and U.S. publications are not enclosed in accordance with the Notice published in the Official Gazette on August 5, 2003 entitled *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003*, which waives the requirement under 37 CFR 1.98(a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. publication.

EP 1 452 574 and U.S. Patent Publication No. 2004/0151944 are in the family of WO 2003/048268.

EP 0 762 219 and U.S. Patent No. 5,756,248 are in the family of JP 09-134020.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.K.B./

U.S. Patent Publication No. 2006/0020136 is the family of JP 2006-028176.

U.S. Patent Publication No. 2005/0221124 is in the family of JP 2005-290000.

Respectfully submitted,



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Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449A/PTO				Complete if Known 10/1585326	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number			
		Filing Date		July 6, 2006	
		First Named Inventor		Harue NAKASHIMA et al.	
		Group Art Unit			
Examiner Name					
Sheet	1	of	2	Attorney Docket Number	0756-7732

U.S. PATENT DOCUMENTS

Examiner Initials ^a	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	2004/0151944	Onikubo et al.		08/05/2004		
	5,756,248	Tanaka et al.		05/26/1998		
	2006/0020136	Hwang et al.		01/26/2006		
	2005/0221124	Hwang et al.		10/06/2005		

FOREIGN PATENT DOCUMENTS

Examiner Initials ^a	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Office ³	Number ⁴ (if known)				
	WO	2003/048268			06/12/2003		Abst.
	EP	1 452 574			09/01/2004		Eng.
	JP	2003-129043			05/08/2003		Abst.
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	JP	3210481			09/17/2001		Abst.
	JP	09-301934			11/25/1997		Abst.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ^a	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Di Liu et al., Synthetic Metals, Enhancement in Brightness and Efficiency of Organic Electroluminescent Device Using Novel N,N-di(9-ethylcarbaz-3-yl)-3-methylaniline as Hole Injecting and Transporting Material, 08/07/2004, Vol. 146, No. 1, pp. 85-89	
		A. Balonyte et al., Synthesis and Properties of Polymers Containing Aromatic Amino Groups in the Main Chain and Their Glass-Forming Model Compounds, European Polymer Journal, April 30, 2004, Vol. 40, No. 8, pp. 1645-1650	

Examiner Signature	/Andrew K. Bohaty/	Date Considered	06/16/2009
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

2007-06-06 06 JUL 2006

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				Examiner Name	
				Attorney Docket Number	0756-7732

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		Office ⁴	Number ⁴ (if known)				

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Balionyte et al., Potential Hole-Transport Materials Prepared by Ullmann Coupling, Environmental and Chemical Physics, 2002, Vol. 24, No. 1, pp. 30-34	
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		International Search Report (Application No. PCT/JP2005/024212) dated February 21, 2006	
		Written Opinion (Application No. PCT/JP2005/024212) dated February 21, 2006	

Examiner Signature	/Andrew K. Bohaty/	Date Considered	06/16/2009
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